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September 29, 2004

VIA ELECTRONIC FILING

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Re: **NOTICE OF *EX PARTE* MEETING**
ET Docket No. 04-186

Unlicensed Operation into the TV Broadcast Bands

Dear Ms. Dortch:

On September 28, 2004, an *ex parte* meeting was held in the above-captioned docket between representatives of Shure, Inc. ("Shure") and Sheryl Wilkerson of Chairman Powell's office. In attendance from Shure were Ahren Hartman, Principal Engineer, Advanced Development; Edgar Reihl, P.E., Principal Engineer, Advanced Development; and Thomas A. Krajecki, Entertainment Relations Manager. In addition, Catherine Wang and Jeanne Stockman of Swidler Berlin Shereff Friedman, outside counsel to Shure, attended the meeting.

During this meeting, Shure discussed how unlicensed device operation in the TV bands as proposed in this proceeding presents significant potential harmful interference to wireless microphones and similar audio products. Absent meaningful interference mitigation requirements, such interference could affect the many important productions and activities that rely on such high-quality wireless audio products, including for example, news coverage, sporting events, and TV and music productions. Shure performed an audio demonstration to illustrate the harmful interference that unlicensed devices cause to wireless microphones. Shure's analysis demonstrates that the introduction of unlicensed devices in the TV bands, as currently proposed, will likely cause harmful interference to wireless microphones.

Shure has studied several possible solutions that could, if developed and properly implemented, provide meaningful interference protection to wireless microphones in the event

that the Commission determines in this proceeding that unlicensed devices should be allowed to operate in vacant TV channels. In light of the varied uses of wireless microphones in the United States, Shure discussed several approaches that could provide adequate protection to wireless microphones, including (1) a designation of some number of UHF and VHF channels where unlicensed devices will not operate, and (2) a system that would identify TV channels in use by wireless microphones. Shure also updated the Commission on the progress of the IEEE Working Group considering this issue, and advocated that any protections for wireless microphones must be codified in the Commission's rules.

Attached is the presentation provided to Commission staff.

If you have any questions regarding this meeting, please do not hesitate to contact the undersigned.

Very truly yours,

Catherine Wang
Jeanne W. Stockman

cc (by email): Sheryl Wilkerson